



## RENFREW COUNTY SKILLS COMPETITION Scope of Team Carpentry (Teams of 4)

### Purpose of the Competition:

To test the skill, knowledge and attention to detail of a group of students to work as a team in carpentry, and to prepare each student for the demands of industry.

**Each school can send a maximum of one (1) team of 4 students.** Max of 12 teams total.

### Skills and Knowledge to be tested:

- To demonstrate skills and knowledge of reading drawings, safe operation of portable power and hand tools, and carpentry techniques.
- To work in a safe, competent and neat manner
- Build a quality project prepared and ready for finishing
- All phases of measurement will deal exclusively in imperial measure

### NOTE:

- The competitors will be located outside, thus appropriate clothing should be worn.
- The competitors will be constructing a wood shed project. This is a combination of traditional and post and beam construction. Project plans are [here](#) and an exemplar will be provided.
- No communication with teacher advisors or visiting students during the competition. All questions to be directed to the judges.
- **All tools should be in good condition**

Equipment and Materials:	Supplied by Competitor
<ul style="list-style-type: none"><li>• Chop Saw/Mitre Saw (max. cut 2'x6') and Stand</li><li>• Handsaw</li><li>• Chisel(s)/Mallet</li><li>• Cordless jigsaw and blades</li><li>• Saw Horse Set</li><li>• Impact Driver, Portable Drill, Batteries &amp; Charger</li><li>• Hammer, Tape Measure, &amp; Pencil</li><li>• Robertson #2 screwdriver and #2 bit</li><li>• 8'/6' ladder</li><li>• ¼" drive for roofing screws</li></ul>	<ul style="list-style-type: none"><li>• Twist Drill Bits (up to 3/8")</li><li>• Portable Router with 1/2" chamfer router bit</li><li>• Sanding block &amp; paper 80, 100, 120</li><li>• Framing square/carpenter's square</li><li>• sliding T-bevel (aka false square)</li><li>• PPE (Personal Protective Equipment): CSA approved boots, safety glasses, hard hat.</li><li>• Extension cord with multi-adapter end</li><li>• Quick Grip clamps are optional</li></ul>

<b>Equipment and Materials:</b>	<b>Supplied by Committee</b>
<ul style="list-style-type: none"> <li>• Materials for project (all lumber, steel roofing)</li> <li>• Screws / Fasteners (2½", 3" deck screws, roofing screws, structural screws, nails)</li> <li>• template for rafters</li> <li>• adhesive/glue</li> <li>• plans/drawings</li> <li>• Exemplar (aka demo shed project)</li> <li>• Lunch and water supplied for all competitors</li> </ul>	

### Competition Timetable:

8:00	<b>Registration, Orientation, Safety</b>
8:30 – 11:00	<b>Competition Begins</b>
11:00-11:30	<b>Lunch Break</b> (you may work through)
11:30 – 1:30	<b>Competition Work Time</b>
1:30 – 2:00	<b>Judging and Competitor clean-up</b>
2:30	<b>Awards Ceremony</b>

### Judging Criteria:

Demonstrate Safe, Clean Work Habits / Clean Work Environment	20%
Demonstrate Good Team Work & Communication	20%
Demonstrate Proper Working Techniques	20%
Ability to Follow Project Plan	20%
Aesthetics	20%
<b>Total</b>	<b>100%</b>